

Converting Colors

XYZ(56.1024, 57.7439, 65.3617)

Have a look what the booklet for
XYZ(56.1024, 57.7439, 65.3617)
contains.

XYZ(55.9950, 57.5852, 65.2905)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.9950, 57.5852,
65.2905)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC6CC
RGB	204, 198, 204
RGB Percent	80%, 78%, 80%
CMY	0.2000, 0.2235, 0.2000
CMYK	0.00, 0.03, 0.00, 0.20
HSL	300°, 6%, 79%
HSV	300°, 3%, 80%
XYZ	55.9950, 57.5852, 65.2905
YIQ	200.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

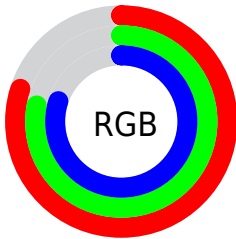
Format	Color
R_{YB}	204, 198, 204
Decimal	13420236
CIE _{Lab}	80.51, 3.17, -2.26
CIE _{LCh}	81, 3.896, 324.535
Yxy	57.5852, 0.3130, 0.3219
Android (android.graphics.Color)	4291610316 (0xFFCCC6CC)
YUV	200.4780, 1.7363, 3.0888
Hunter-Lab	75.8849, -1.0846, 2.1070

Details

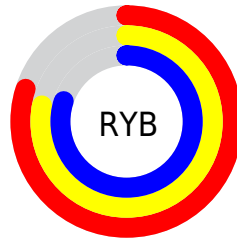
The XYZ color **55.9950, 57.5852, 65.2905** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0768, 59.2702, 61.9665**, and the grayscale version is **55.1848, 58.0587, 63.2259**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.0560, 28.6326, 32.9021** is the 20% darker color. If you saturate the color by 10%, you get **51.6433, 48.8810, 63.8406**, and if you desaturate by 10%, it is **60.9780, 67.5504, 66.9522**.

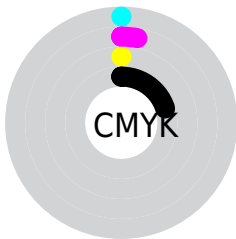
Distribution



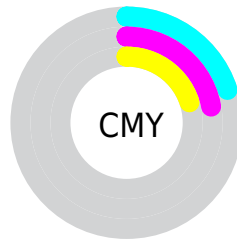
- Red (80%)
- Green (78%)
- Blue (80%)



- Red (80%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9950, 57.5852, 65.2905 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 55.9950, 57.5852, 65.2905 by changing the saturation by 10% instead.

■ 55.9950, 57.5852,
65.2905

■ 55.9950, 57.5852,
65.2905

399.7480,
415.6385, 462.1699

■ 40.4359, 41.4753,
47.2438

98.1371, 101.3186,
114.0847

■ 28.0643, 28.6906,
32.8727

125.4508,
129.7108, 145.6693

■ 18.5148, 18.8469,
21.7586

157.4135,
162.9659, 182.6036

■ 11.4222, 11.5597,
13.4830

194.3904,
201.4683, 225.3062

■ 6.4209, 6.4446,
7.6274

236.7470,
245.6023, 274.1955

■ 3.1457, 3.1173,
3.7731

284.8485,

■ 1.2313, 1.1933,

295.7525, 329.6903

1.5017

339.0604,
352.3031, 392.2089

■ 0.1309, 0.0562,
0.2192

■ 0.0000, 0.0000,
0.0000

■ 55.9950, 57.5852,
65.2905

■ 55.9950, 57.5852,
65.2905

■ 51.6433, 48.8810,
63.8406

■ 60.9780, 67.5504,
66.9522

■ 47.8930, 41.3805,
62.5906

■ 66.6110, 78.8163,
68.8299

■ 44.7193, 35.0330,
61.5326

■ 71.5615, 88.7173,
70.4800

■ 42.0935, 29.7814,
60.6574

■ 71.5615, 88.7173,
70.4800

39.9846, 25.5637,
59.9544

71.5615, 88.7173,
70.4800

38.3586, 22.3117,
59.4124

71.5616, 88.7173,
70.4800

37.1772, 19.9490,
59.0186

71.5616, 88.7173,
70.4800

36.3965, 18.3877,
58.7584

71.5616, 88.7173,
70.4800

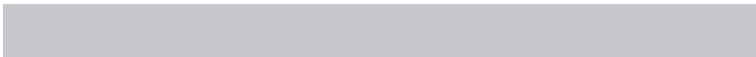
35.9638, 17.5222,
58.6142

71.5616, 88.7173,
70.4800

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.3740, 57.5852, 66.7927



55.9950, 57.5852, 65.2905



56.2780, 57.5852, 63.1208

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.9950, 57.5852, 65.2905



54.8796, 57.5852, 58.4180



53.3460, 57.5852, 64.5470

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.9950, 57.5852, 65.2905



55.0768, 59.2702, 61.9665

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.2165, 57.5852, 62.2820



55.9950, 57.5852, 65.2905



54.0969, 57.5852, 58.7790

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.9950, 57.5852, 65.2905



55.6300, 57.5852, 59.1816



53.4901, 57.5852, 60.1799



53.8457, 57.5852, 66.3562

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.9950, 57.5852, 65.2905



56.2350, 57.5852, 61.6017



53.4901, 57.5852, 60.1799



53.2580, 57.5852, 63.8123

Sweetspot

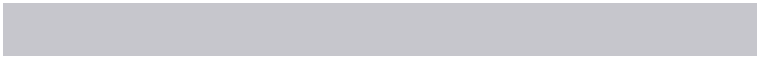
The Sweet Spot groups the original color and five complimentary colors.



55.9966, 57.5877, 65.2918



94.2419, 98.3838, 108.6306



54.4073, 56.8023, 65.2239



20.1802, 21.0752, 23.2543



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.9966, 57.5877, 65.2918



91.8819, 93.6639, 107.8440



55.6522, 57.4499, 63.4777



12.1432, 12.3150, 14.3074



22.5334, 10.8239, 36.8579



1.1625, 0.5584, 1.9015

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.2910, 57.3054, 61.5760



90.2828, 93.0242, 99.4233



55.4144, 59.4053, 63.7444



11.8980, 12.2169, 13.0158



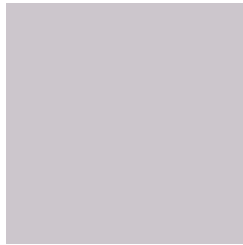
15.6735, 8.0800, 0.7335



0.8086, 0.4168, 0.0378

Previews

White Background



This preview shows how the XYZ color 55.9950, 57.5852, 65.2905 looks on a white background.

Color Contrast Check

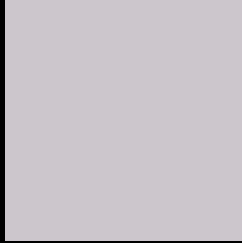
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 55.9950, 57.5852, 65.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

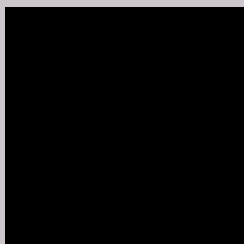
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

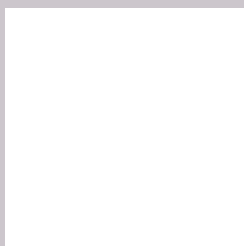
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9950, 57.5852, 65.2905

Background



This preview shows how black text looks on a background with the XYZ color 55.9950, 57.5852, 65.2905.

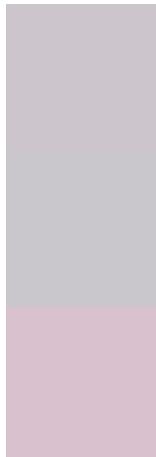


This preview shows how white text looks on a background with the XYZ color 55.9950, 57.5852,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.9950, 57.5852, 65.2905

Protanopia

55.6796, 57.7630, 65.3415

Deuteranopia

58.9265, 57.7431, 65.7974



Tritanopia

57.0268, 57.6651, 70.4122

Trichromacy



Original Color

55.9950, 57.5852, 65.2905

Protanomaly

55.9511, 57.9030, 65.3542

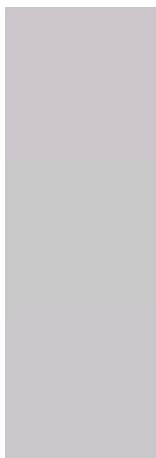
Deuteranomaly

57.6859, 57.4350, 65.8033

Tritanomaly

56.6517, 57.5151, 68.4373

Monochromacy



Original Color

55.9950, 57.5852, 65.2905

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.0534, 57.4814, 63.4517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9950, 57.5852, 65.2905 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(204, 198, 204)` looks like.

```
.text, #text, p{  
    color:rgb(204, 198, 204)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(204, 198, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 198, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.9950, 57.5852, 65.2905 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 198, 204) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(204, 198, 204) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(204, 198, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 198, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 198, 204);  
box-shadow:4px 4px 4px 4px rgb(204, 198,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9950, 57.5852, 65.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 198, 204) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(204,  
198, 204) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor